This supplement provides additional information about the Barina SRi.

It should be kept together with the Owner's Handbook, in the glovebox of your car.

Barina SRi

HOLDEN

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Contents

ABS: Anti-lock Braking System 2
TC: Traction Control 2
Shift speeds 3
Fog lights 4
Rear head restraints 4
Weights 5
Cruise control 6
Flat tyre 8
Snow chains 9
Transmission specifications 10
Engine specifications 10

ABS: Anti-lock Brake System

ABS (Anti-lock Brake System) continuously monitors the car's brake system and prevents the wheels from locking, irrespective of the road conditions and tyre grip. It starts to regulate the braking effect as soon as a wheel shows a tendency to lock. The car remains steerable, even in the event of panic braking, for instance on bends or when swerving to avoid an obstacle.

However, DO NOT let this special safety feature tempt you into taking risks when driving. Traffic safety can only be achieved by adopting a responsible driving style.

In an emergency braking situation the driver should keep full force on the brake pedal, without 'pumping' the brake pedal. 'Pumping' the brake pedal can reduce brake efficiency when ABS is controlling the braking.

The ABS warning light is illuminated for a few seconds when the engine is switched to position **II** (ignition ON). If it does not go out, or if it comes on during driving, there is a defect in the ABS. The car's brake system remains operational but without ABS assistance. You should consult your Holden Dealer as soon as possible.

The braking effect is regulated by the ABS every millisecond during braking.

When your car is in a critical braking condition ABS will make itself noticeable through pulsing of the brake pedal and the noise of the regulation process, thereby reminding you to match your speed to the road conditions, even though it is keeping control of the braking.

Shortly after driving off again, the system performs a self check, which may be audible.

TC: Traction Control

Traction Control (TC) prevents the driving wheels from spinning. As soon as even one driving wheel starts to spin, traction control reduces the power from the engine and applies the brakes, as necessary. This can improve the car's steering, particularly on snow and ice, as well as on wet or slippery roads.

The traction control light on the instrument panel will start flashing when traction control is controlling wheel spin, indicating that the car is now in a critical situation. During the control operation the engine power output is reduced and the sound of the engine may change.

Traction control helps you to keep control of the car and reminds you to match your speed to the road conditions. However, DO NOT let this special safety feature tempt you into taking risks when driving. Traffic safety can only be achieved by adopting a responsible driving style.

To check that the bulbs are working, the TC warning light on the instrument panel will illuminate for a few seconds when the ignition is switched on. If the TC warning light does not illuminate, or if it comes on during driving, a fault is indicated in the system and traction control will no longer be operational. You should contact your Holden Dealer.

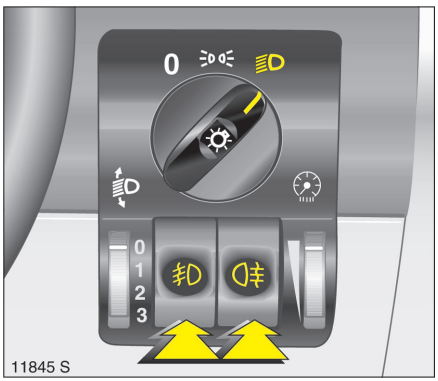
Shift speeds

The chart shows the recommended change speeds at which gear changes should be made for normal driving. Using shift speeds in the 'economy' category will assist in maximising fuel economy.

Upshifting at higher road speeds will be necessary according to varying driving conditions such as load, road gradient, during overtaking and when other than light acceleration is required.

Manual transmission change speeds		
Gear change	Economy	Normal
1st~2nd	15 km/h	24 km/h
2nd~3rd	20 km/h	40 km/h
3rd~4th	30 km/h	64 km/h
4th~5th	40 km/h	72 km/h

Fog lights



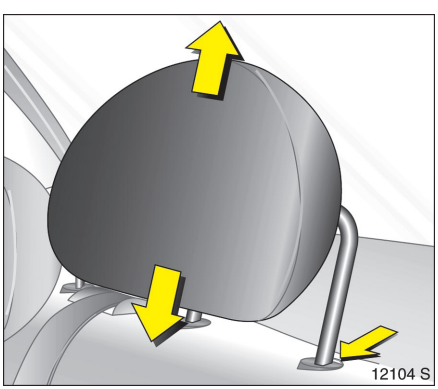
Fog lights are fitted to front and rear. The fog light switches are located below the headlight switch.

To turn the front fog lights on or off, push the button beside the headlight range adjuster. When the front fog lights are on, the symbol will appear on the left-hand side of the instrument panel.

To turn the rear fog lights on or off, push the button beside the instrument dimming switch. When the rear fog lights are on, the symbol will appear on the instrument panel above the odometer/ tripmeter.

Check your State's laws regarding the use of fog lights when driving.

Rear head restraints



To improve visibility to the rear if no one is sitting in the rear seats, push down the rear head restraints. To do so, press the locking spring located at the base of each left-hand side restraint stem.

Prior to enlarging the luggage compartment (refer to Chapter 3 in your Barina handbook for details) remove the rear head restraints.

To do so, press the locking springs and pull the head restraints upwards.

If the rear seat position is occupied, adjust the head restraint to the correct height (refer to Chapter 3 in your Barina handbook for details).

Weights

CARRYING CAPACITY

The recommended carrying capacity of your car is 415 kg.

If you load your car other than to the above recommendations then you should ensure that the MAXIMUM REAR AXLE LOAD and the GROSS VEHICLE WEIGHT are not exceeded.

CURB WEIGHT

The curb weights shown below include the weight of a 68 kg driver, 7 kg of luggage and the fuel tank filled to 90% capacity:

1115 kg – without air conditioning

1140 kg – with air conditioning

(G.V.M.) GROSS VEHICLE MASS (WEIGHT)

The Gross Vehicle Mass is the maximum that a car is allowed to weigh when fully loaded. This must include any luggage, passengers, roof rack load and a full tank of fuel. The maximum, allowable weight for your car is:

1530 kg – without air conditioning

1555 kg – with air conditioning

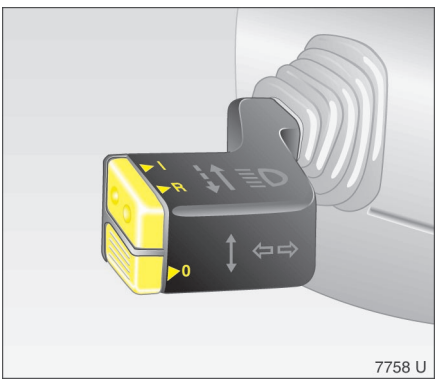
MAXIMUM REAR AXLE LOAD

The maximum allowable rear axle load remains the same at 760 kg.

Cruise control

The cruise control maintains your car's speed without you having your foot on the accelerator pedal and works at speeds over 30 km/h.

The cruise control lever is on the left side of the steering column. The lever has two switches.



The '**O**' OFF switch is at the *bottom* of the lever and is activated by pushing in towards the direction of the steering column.

The top part of the switch is used to adjust speed. It is a two part switch, marked '**I**' and '**R**'.

The '**I**' (increase) part of the switch has a raised dimple = increase in speed.

The '**R**' (reduce) part of the switch has a recessed dimple = decrease in speed.

SWITCHING ON:

- Press the accelerator pedal until travelling at your desired speed, (above 30 km/h) and then tap the '**I**' button. You may now release the accelerator pedal, as the cruise control is now maintaining speed.

TO INCREASE SPEED WITH CRUISE CONTROL ON:

Hold down button '**I**' or tap repeatedly: the speed is increased continuously or in steps of 2 km/h without using the accelerator pedal.

When button '**I**' is released the selected speed is stored and maintained.

TO DECREASE SPEED WITH CRUISE CONTROL ON:

Hold down button '**R**' or tap repeatedly: speed is reduced continuously or in steps of 2 km/h.

When button '**R**' is released the selected speed is stored and maintained.

SWITCHING OFF:

Tap button '**O**': the cruise control is switched off. The car slowly decelerates. To continue driving, depress the accelerator pedal in the usual way.

The cruise control is also switched off when:

- car speed drops below 30 km/h,
- the brake pedal is depressed,
- the clutch pedal is depressed.

RESUMING THE STORED SPEED:

Tap button '**R**' at a speed above 30 km/h: the speed selected before the cruise control was switched off is resumed.

The stored speed is erased when the ignition is switched off.

WARNING:

Do not use the cruise control when road or driving conditions could require varying speeds. A constant speed may not be practical in heavy or varying traffic, or on winding, slippery or rough roads.

Remember that when the cruise control is maintaining your speed taking your foot off the accelerator pedal will not reduce speed. To quickly deactivate the cruise control you should press the brake or clutch pedal, or push the 'O' button.

The cruise control will not apply the car's brakes. Therefore the car may gain speed when going down steep hills.

When climbing steep hills it is possible for the car to lose speed. You may need to switch off the cruise control and instead use the accelerator pedal.

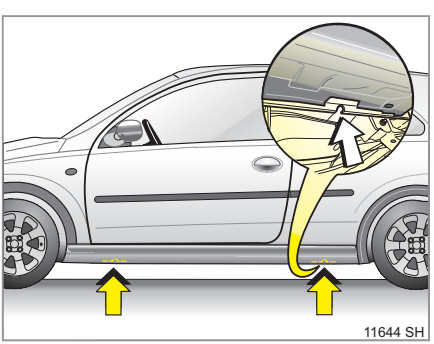
Flat tyre

CAUTION:

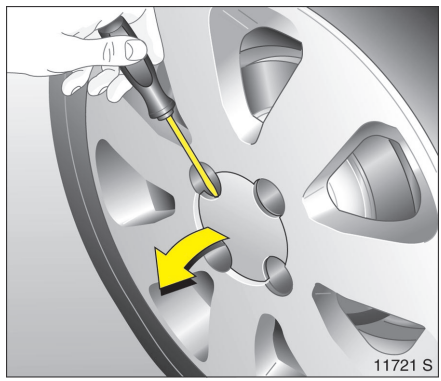
- **Use the jack only for lifting the car when changing wheels.**
- **Never get beneath the car when it is only supported by the jack.**
- **Do not start or run the engine while the car is only supported by the jack.**
- **All passengers should be out of the car when it is being jacked.**
- **Use the jack only at the designated lifting points. Use in other locations could damage the car.**
- **The car should only be jacked up on hard, level surfaces.**
- **Your car is fitted with alloy wheels and supplied with a steel spare wheel. The flat tyre should be repaired and refitted to the car as soon as possible.**

Please read the following instructions in conjunction with flat tyre changing information provided in Chapter 6 of your Barina handbook.

Jacking points are located behind the front wheels and in front of the rear wheels. Side skirt cutouts are situated near the jacking points to provide adequate clearance for jack operation.



To prise off the hub cap use the blade end of the screwdriver provided in the kit. Position the screwdriver at the recess at the side of the hub cap as shown and lever the cap outward slightly. Place the screwdriver in the bolt hole diagonally opposite and lever the cap off the wheel.



Using the same screwdriver, remove the plastic caps from the wheel bolts prior to removing the wheel bolts.

When replacing the hub cap, align the pin on the back of the cap with the corresponding hole in the wheel, and push the hub cap firmly into place.

CAUTION:

As soon as possible after changing a wheel, you should have the wheel bolts tightened with a torque wrench to 110 Newton metres and have the new wheel balanced on the car.

Wheel bolts should be tightened evenly to the correct torque in a crisscross pattern. Wheel bolts which have not been tightened properly could eventually allow the wheel to come off while the car is moving.

Snow chains

Your Barina SRi has 185/55 R 15 tyres fitted as standard.

Due to lack of clearance, tyre chains are not to be fitted.

Transmission specifications

Code	F17-5 CR
Type	5 speed manual
Fluid capacity	1.6 litres
Fluid type	Gear oil, meeting Holden specification No.HN2354 (Castrol SMX-O or equivalent)

Engine specifications

Engine type	Z18XE, 16 valve
Piston displacement	1796 cc
Compression ratio	10.5:1
Bore	80.5 mm
Stroke	88.2 mm
Power *	90 kW @ 6,000 r.p.m. (91 RON fuel) 92 kW @ 6,000 r.p.m. (95 RON fuel)
Torque *	160 Nm @ 4,600 r.p.m. (91 RON fuel) 165 Nm @ 4,600 r.p.m. (95 RON fuel)
Oil specification	ACEA service classification A2 or A3 Viscosity grade 15W-40 or 15W-50
Refill oil capacity	4.25 litres approx. (including filter)
Fuel tank capacity	45 litres
Coolant capacity	5.3 litres without Air Conditioning 5.4 litres with Air Conditioning
Coolant specification	50% water and 50% Dex-Cool coolant, conforming to GM6277M specification.

* The engine has been developed for operation on regular, unleaded (91 RON) fuel. Slightly improved performance can by achieved when this engine is operated on premium unleaded (95 RON) fuel.